

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
29 September 2005 (29.09.2005)

PCT

(10) International Publication Number
WO 2005/090848 A3

(51) International Patent Classification⁷: **F16L 11/08**,
11/24, 55/1645

(21) International Application Number:
PCT/GB2005/000968

(22) International Filing Date: 15 March 2005 (15.03.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0406084.4 18 March 2004 (18.03.2004) GB
0418084.0 13 August 2004 (13.08.2004) GB
0421508.3 28 September 2004 (28.09.2004) GB

(71) Applicant and

(72) Inventor: **BELLAMY, Norman, West** [GB/GB]; 95 St
Martins Road, Coventry, Warwickshire CV3 6ES (GB).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **BELLAMY, Neil,
Michael** [GB/GB]; 95 St Martins Road, Coventry, War-
wickshire CV3 6ES (GB).

(74) Agent: **MARKS & CLERK**; 144 New Walk, Leicester
LE1 7JA (GB).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY,
TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU,
ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

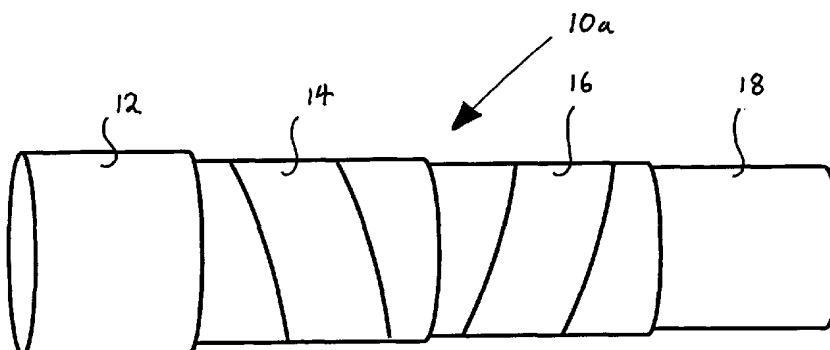
Published:

- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

(88) Date of publication of the international search report:
5 January 2006

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: A COMPOSITE PIPE LINING



(57) Abstract: A composite lining for a pipe comprising a structural layer for providing structural integrity and a containment layer for providing fluid impermeability. The structural layer comprising at least one strip of lining material arranged to form a substantially continuous lining within said pipe. A method for lining a pipe with said composite lining. A structure and method for testing the fluid integrity of said containment layer. Apparatus for installing said structural and containment layers in said pipe.



WO 2005/090848 A3